

NEWS

UNIVERSITY OF ILLINOIS
URBANA

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April 19, 1976

No. 5 1975-76 Series

JUN 29 1976

University of Illinois
at Urbana-Champaign

1976 ENGINEERING OPEN HOUSE

Each year seems to be the zenith for participation in and recognitions received by Agricultural Engineering Students in the annual Engineering Open House. The 1976 theme was "Revolutions in Engineering" and displays were entered under five categories as follows:

- I. Exhibits that contribute to the EOH '76 theme: "Revolutions in Engineering".
- II. Exhibits that demonstrate engineering in today's society.
- III. Exhibits that represent research in a given field.
- IV. Exhibits that were built for demonstrations only and do not apply to any of the other categories.
- V. Engineering Student Societies

Plaques were awarded for first, second and third places in each of the first four categories. Ludger Schilling, New Athens, took second place in Category I for his exhibit "From Little Heat to Solar Heat"; John Sherwood, Chabanse, placed first in Category II with a demonstration of his project "Solar Grain Drying"; Byron Miller, Congerville, placed second in Category III for his project "Corn Quality"; and in Category IV Keith Wendte, Altamont, took second place for his electronic development entitled "Six Million Dollar Engineer". Again in 1976 the Agricultural Engineering students showed their ability, initiative and determination; the Department is very proud of the manner in which members of the Student Branch participated in this program.

MORE STUDENT NEWS

An interesting and profitable program this year has been a Campus exchange between Purdue University and an Illini Agricultural Engineer under graduate students. Although only small groups of students were involved, it is a program in which the students have expressed strong interest. Larger student groups and a general expansion of the program is being planned for the 1976-77 school year.

The State FFA Awards Program was held on Campus on April 3. Two categories related directly to this Department, Agricultural Electrification and Agricultural Mechanics. Dr. E. F. Olver served as a judge in the first category and Professor B. J. Butler in the second. The electrification winner was Ron Riveland from Serena High School and in Agricultural Mechanics, Mark Chapman of Herscher High took top honors.

The Student Branch sponsored the Fifth Annual Lawnmower Summerization Day on Saturday, March 27. This is a major fund raising event. Fifteen students arrived at 8:00 a.m. in the morning to service 64 lawnmowers. The job was completed by 4:00 p.m. except for two troublesome machines. Service included sharpening blade, emptying old gas, changing oil, cleaning air filter, washing and starting. The Lawnmower Summerization Committee was chaired by Warren Groth, Armington. Students involved in the project will be given a free ticket to the Student Branch Spring Banquet although no such award has been announced for staff members who participated.

The Annual Banquet for the Illini Ag Mech Club was held on Thursday evening, April 8, at the Sir George's Royal Buffet in Urbana. Approximately 35 attended. The principle speaker of the evening was Dave Mohr, Ag Mech '71, General Manager of the Allerton Implement Company. The award for the most outstanding Ag Mech student, made possible by contributions from the staff of the Department, went to Ted Lancaster, Warren. Ted served as president of the club during the Fall Semester. Awards to winners in the Ag Mech Skills Contest were made by Dr. Shove, senior club advisor, and Dr. John W. Matthews, Director of the Vocational Agriculture Service, College of Agriculture.

Donald E. Gruben, Rochelle, a junior Agricultural Engineering Student, has been named Manager of Photography for the Illinois Publishing Company. In this position he will exercise general supervision of photography for the Daily Illini, The Technograph and the Illio.

The annual inspection trip for Junior Undergraduates in Agricultural Engineering was held Thursday and Friday, April 8 and 9. On the first day, starting with the near traditional breakfast at the Lanham's, stops were made at the Norris Farms, Havana; Prairie Plan (MSDGC Fulton County Sludge Project) Canton; and the Kewanee Machinery and Conveyor Company, Kewanee. The following day stops were made at the Illini Beef Company, Joslin; the Quad Cities Nuclear Power Center, Cordova; and Morton Buildings, Morton. A stop scheduled for the Northern Regional Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture, Peoria, had to be cancelled because of a lack of time. Twenty-one students and five staff members participated in the outing.

ALUMNI NEWS

Donald G. Zook '53, '56 was recently transferred from the general office of Caterpillar Tractor Company in Peoria to the York, Pennsylvania, Caterpillar Plant. In his new assignment, Don will be in charge of purchasing and internal materials supply and will have the title of Materials Manager. Don was very active in civic and professional affairs during his long stay in the Peoria area. In addition to ASAE and SAE activities, he had served as chairman of the local chapter of the American Society of Metals. He served on the Village Board in Germantown Hills where he maintained his residence and was also Mayor of the Village.

Robert C. Long '70 is now associated with the United Conveyor Corporation, Deerefield, Illinois.

Robert R. "Bob" Rowe '49 writes that he is now involved in the light construction industry market development. He works on the development and marketing of roll formed Super "C" steel framing materials which are made in lumber sizes for the housing and commercial construction market. In addition, last fall he moved into marketing activities of the preengineered steel building industry. Bob is associated with the Market Development Division, U. S. Steel Corporation, Pittsburgh. The Rowe Family consists of Bob, Pat, one daughter and three sons. Bob writes "Greg and Brad are 6'-6" so they fit the pattern".

Steve L. Groth '74 is an engineer at the proving grounds, Caterpillar Tractor Company, Peoria. He was a recent visitor in the Department. Steve and his wife, Chris, live in Morton.

R. W. "Bob" Martin '62 was the featured speaker at a recent meeting of the Illini Hydraulic Engineers Club held in Champaign. Bob spoke on the subject "Visual Impact of Proposed Floodwater Management Measures in the Chicago Area." He is leader of the River Basis Planning Staff, Soil Conservation Service, Chicago. His office is located at Lisle, Illinois.

Featured in Farm and Power Equipment for February 1976 was a new building facility for the Tate Farm Equipment Inc., Stewardson, Illinois. Prominent in the management of this business is Donald E. Tate, '70, '71.

D. L. "Doug" Bosworth '64 reports still another step upward. He has been named manager, Manufacturing Engineering, John Deere Harvester Works, East Moline, Illinois. He reports that the John Deere Harvester Works is the world's largest combine factory and also manufactures corn heads, grain platforms and row crop heads. Manufacturing Engineering includes the Departments of Industrial Engineering, Process and Tool Engineering, Mechanical Services and Plant Engineering.

Robert J. Emery '66 has been elected a member of the Trane Top Ten Club for his "distinguished achievement" with his employer. The citation reads in part as follows:

Achievement of full professional sales status requires the exercise of such personal qualities as creativity, responsibility and technical competence. A member of the Trane Top Ten Club has demonstrated full expression of these personal skills

. . . . The Trane Company believes that membership in the Top Ten reflects the inner quality of a man as well as his outward capabilities. He is a professional held in esteem by his company and his associates.

Earl H. Williams '72, '73 is serving as secretary of the Minnesota Section, American Society of Agricultural Engineers. He is employed as a research engineer with Cargill, Inc., Minneapolis.

Andrew O. Kostrub made his appearance on March 7, 1976. Andrew is the son of Dr. and Mrs. Francis Kostrub. Fran '71 is chief planning analyst in the Forward Model (Agricultural) Planning Department, Tractor Operations, Ford Motor Company.

Two Illini agricultural engineers are included in the forthcoming 27th Annual Earth-moving Industry Conference to be held at the Peoria Hilton Hotel in Peoria, April 27-28, 1976. The Conference is sponsored by the Central Illinois Section, Society of Automotive Engineers. Robert E. Hefner '71 research engineer, Caterpillar Tractor Company, will present a paper "Whole Body Vibration Levels: A Realistic Baseline for Standards". Larry W. Sprinkle, '66, '67, supervising engineer with Caterpillar, is organizer of a session on "International Standards".

STAFF NEWS

Dr. Donnell R. Hunt is the author of an Agricultural Engineering Tip Sheet entitled "SI (Metric) Units for Agriculture". The demand for this writing has been so great that the Department has been unable to meet requests. However, the supply is now adequate and single copies will be mailed free upon request to the Department. The writing may be identified as Farm Machinery No. 26, Agricultural Engineering Tips.

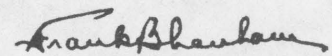
Drs. Donald L. Day and Gene C. Shove attended the Third Annual Inter-University Energy Conference, "Alternative Energy Sources in Illinois" held April 1 and 2 in Springfield, Illinois. Dr. Shove presented a paper "Drying Grain with Solar Energy" based on the Department's research on the application of solar energy to grain drying. The alternative energy emphasized at this Conference was solar energy with most of the 21 papers presented relating to developments in the use of solar energy for heating and cooling applications.

Dr. John W. Matthews has announced his intention of retiring from his present assignment effective August 20, 1976. At that time John will have completed 26½ years of service to the University. Prior to joining the staff on February 1, 1950 he served as teacher of vocational agriculture at Shabbona, Illinois for 14½ years.

The Staff Wives entertained at a Couples Party on Saturday evening, February 14 at the Holiday Inn in Urbana. The Bi-centennial theme was carried out both in terms of dress and program. Dean Howard Wakeland '50, '54, served as Headmaster in a school skit portraying how things were in agricultural engineering education at about the time of the American Revolution. Dr. Lanham served as a COPE inspector, Betty Wakeland and Frank Lanham were selected as the couple most authentically dressed by a panel of judges consisting of Agnes and Ray Shawl and Donald Noel. Some feeling existed among the group that Mary and Roy Brockett should have been selected. Co-chairpersons for the event were Therese Walker and Peggy Lanham; decorations were handled by Nancy and Jack Butler; the printed program and invitations were the responsibility of Karen Paulsen and Linda Bode; and Dorothea Day was in charge of publicity and entertainment. The Department has had many fun evenings in the past but this event must rank at or near the very top.

Dr. Errol D. Rodda '51 and '60 is presently carrying out assignments in Sri Lanka, Thailand and India as an Agricultural Engineering consultant with INSOY and in the general promotion of the program in International Agriculture from the College of Agriculture. Errol will return to the Department about May 1.

Early in April research assistant Dane L. Shank '75 established a national record in the Wheelchair 880 yard event at the Ohio Wheelchair Games in Columbus with the time of 3:23.1. He plans to participate with the Illinois Team in the Southern Illinois hosted regionals on April 24. Dave is working toward his Master of Science Degree in Agricultural Engineering.


Frank B. Lanham